CRF Errors Corrected by the STIC Systems Branch

ENTERED

Serial Number: 09/242,202A

CRF Processing Date: 8/16/2001
Edited by: _____
Verified by: _____ (STIC staff

RECEIVED

AUG 2 1 2001

TECH CENTER 1600/2900

#12
8-23-01
P.G

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line

☐ Edited a format error in the Current Application Data section, specifically: _____

☐ Edited the Current Application Data section with the actual current number. The number of EOF applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☑ Other: Seq 20- corrected amino acid nos. _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/242,202A**

DATE: 08/16/2001
TIME: 13:46:23

Input Set : **A:\Pto.amc**
Output Set: **N:\CRF3\08162001\I242202A.raw**

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
6   (i) APPLICANT: Nelson, Edward L.
7   Nelson, Peter J.
9   (ii) TITLE OF INVENTION: NOVEL VECTOR FOR
10   POLYNUCLEOTIDE VACCINES
12   (iii) NUMBER OF SEQUENCES: 29
14   (iv) CORRESPONDENCE ADDRESS:
15   (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
16   (B) STREET: 345 PARK AVENUE
17   (C) CITY: NEW YORK
18   (D) STATE: NEW YORK
19   (E) COUNTRY: USA
20   (F) ZIP: 10154
22   (v) COMPUTER READABLE FORM:
23   (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
24   (B) COMPUTER: IBM PC COMPATIBLE
25   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26   (D) SOFTWARE: MS WORD 97
29   (vi) CURRENT APPLICATION DATA:
C--> 30   **(A) APPLICATION NUMBER: US/09/242,202A**
C--> 31   **(B) FILING DATE: 20-Apr-2000**
33   (vii) PRIOR APPLICATION DATA:
34   (A) APPLICATION NUMBER: US60/023931
35   (B) FILING DATE: 14-AUG-1996
37 (viii) ATTORNEY/AGENT INFORMATION:
38   (A) NAME: KATHRYN M. BROWN
39   (B) REGISTRATION NUMBER: 34556
40   (C) REFERENCE/DOCKET NUMBER: 2026-4236US1
42   (ix) TELECOMMUNICATION INFORMATION:
43   (A) TELEPHONE: (212) 758-4800
44   (B) TELEFAX: (212) 751-6849
45   (C) TELEX: 421792
47 (2) INFORMATION FOR SEQ ID NO: 1:
49   (i) SEQUENCE CHARACTERISTICS:
50   (A) LENGTH: 453 base pairs
51   (B) TYPE: nucleic acid
52   (C) STRANDEDNESS: single
53   (D) TOPOLOGY: unknown
60   (ii) MOLECULE TYPE: cDNA
69   (iii) HYPOTHETICAL: No
71   (iv) ANTI-SENSE: No
C--> 73   (xi) **SEQUENCE DESCRIPTION: SEQ ID NO: 1:**   40
75 GGCCGCGTTG CTGGCGTTTT TCCATAGGCT CCGCCCCCCT   80
76 GACGAGCATC ACAAAAATCG ACGCTCAAGT CAGAGGTGGC   120
77 GAAACCCGAC AGGACTATAA AGATACCAGG CGTTTCCCCC   160
78 TGGAAGCTCC CTCGTGCGCT CTCCTGTTCC GACCCTGCCG

RAW SEQUENCE LISTING   DATE: 08/16/2001
PATENT APPLICATION: US/09/242,202A   TIME: 13:46:23

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I242202A.raw

```
 79 CTTACCGGAT ACCTCTCCGC CTTTCTCCCT TCGGGAAGCG                    200
 80 TGGCGCTTTC TCAATGCTCA CGCTGTAGGT ATCTCAGTTC                    240
 81 GGTGTAGGTC GTTCGCTCCA AGCTGGGCTG TGTGCACGAA                    280
 82 CCCCCCGTTC AGCCCGACCG CTGCGCCTTA TCCGGTAACT                    320
 83 ATCGTCTTGA GTCCAACCCG GTAAGACACG ACTTATCGCC                    360
 84 ACTGGCAGCA GCCACTGGTA ACAGGATTAG CAGAGCGAGG                    400
 85 TATGTAGGCG GTGCTACAGA GTTCTTGAAG TGGTGGCCTA                    440
 86 ACTACGGCTA CAC                                                 453
 89 (2) INFORMATION FOR SEQ ID NO: 2:
 91       (i) SEQUENCE CHARACTERISTICS:
 92           (A) LENGTH: 453 base pairs
 93           (B) TYPE: nucleic acid
 95           (C) STRANDEDNESS: single
 96           (D) TOPOLOGY: unknown
 98      (ii) MOLECULE TYPE: cDNA
100     (iii) HYPOTHETICAL: No
102      (iv) ANTI-SENSE: No
```
C--> **104   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:**
```
106 GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG                     40
107 CACCGCCTAC ATACCTCGCT CTGCTAATCC TGTTACCAGT                     80
108 GGCTGCTGCC AGTGGCGATA AGTCGTGTCT TACCGGGTTG                    120
109 GACTCAAGAC GATAGTTACC GGATAAGGCG CAGCGGTCGG                    160
110 GCTGAACGGG GGGTTCGTGC ACACAGCCCA GCTTGGAGCG                    200
111 AACGACCTAC ACCGAACTGA GATACCTACA CCGTGAGCAT                    240
112 TGAGAAAGCG CCACGCTTCC CGAAGGGAGA AAGGCGGACA                    280
113 GGTATCCGGT AAGCGGCAGG GTCGGAACAG GAGAGCGCAC                    320
114 GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA TCTTTATAGT                    360
115 CCTGTCGGGT TTCGCCACCT CTGACTTGAG CGTCGATTTT                    400
116 TGTGATGCTC GTCAGGGGGG CGGAGCCTAT GGAAAAACGC                    440
117 CAGCAACGCG GCC                                                 453
125 (2) INFORMATION FOR SEQ ID NO: 3:
127      (i) SEQUENCE CHARACTERISTICS:
128           (A) LENGTH: 209 base pairs
135           (B) TYPE: nucleic acid
136           (C) STRANDEDNESS: single
137           (D) TOPOLOGY: unknown
139      (ii) MOLECULE TYPE: cDNA
141     (iii) HYPOTHETICAL: No
143      (iv) ANTI-SENSE: No
```
C--> **145   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:**
```
147 GAATTCTTTC GGACTTTTGA AAGTGATGGT GGTGGCCGAA                     40
148 GGATTCGAAC CTTCGAAGTC GATGACGGCA GATTTAGAGT                     80
149 CTGCTCCCTT TGGCCGCTCG GGAACCCCAC CACGGGTAAT                    120
150 GCTTTTACTG GCCTGCTCCC TTATCGGGAA GCGGGGCGCA                    160
151 TCATATCAAA TGACGCGCCG CTGTAAAGTG TTACGTTGAG                    200
152 AAAGAATTC                                                      209
155 (2) INFORMATION FOR SEQ ID NO: 4:
157      (i) SEQUENCE CHARACTERISTICS:
158           (A) LENGTH: 209 base pairs
```

```
160                (B)  TYPE: nucleic acid
161                (C)  STRANDEDNESS: single
162                (D)  TOPOLOGY: unknown
164          (ii) MOLECULE TYPE: cDNA
166          (iii) HYPOTHETICAL: No
168          (iv) ANTI-SENSE: No
C--> 170          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
172 GAATTCTTTC TCAACGTAAC ACTTTACAGC GGCGCGTCAT                    40
173 TTGATATGAT GCGCCCCGCT TCCCGATAAG GGAGCAGGCC                    80
174 AGTAAAAGCA TTACCCGTGG TGGGGTTCCC GAGCGGCCAA                   120
175 AGGGAGCAGA CTCTAAATCT GCCGTCATCG ACTTCGAAGG                   160
176 TTCGAATCCT TCCCCCACCA CCATCACTTT CAAAAGTCCG                   200
177 AAAGAATTC                                                     209
180 (2) INFORMATION FOR SEQ ID NO: 5:
182          (i) SEQUENCE CHARACTERISTICS:
183                (A)  LENGTH: 6 base pairs
184                (B)  TYPE: nucleic acid
185                (C)  STRANDEDNESS: single
186                (D)  TOPOLOGY: unknown
193          (ii) MOLECULE TYPE: cDNA
199          (iii) HYPOTHETICAL: No
C--> 201          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
204 AATAAA                                                          6
207 (2) INFORMATION FOR SEQ ID NO: 6:
209          (i) SEQUENCE CHARACTERISTICS:
210                (A)  LENGTH: 6 base pairs
211                (B)  TYPE: nucleic acid
212                (C)  STRANDEDNESS: single
213                (D)  TOPOLOGY: unknown
215          (ii) MOLECULE TYPE: cDNA
217          (iii) HYPOTHETICAL: No
219          (iv) ANTI-SENSE: No
C--> 221          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
225 ATTAAA                                                          6
228 (2) INFORMATION FOR SEQ ID NO: 7:
230          (i) SEQUENCE CHARACTERISTICS:
231                (A)  LENGTH: 6 base pairs
232                (B)  TYPE: nucleic acid
233                (C)  STRANDEDNESS: single
234                (D)  TOPOLOGY: unknown
236          (ii) MOLECULE TYPE: cDNA
238          (iii) HYPOTHETICAL: No
C--> 240          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
243 AGTAAA                                                          6
246 (2) INFORMATION FOR SEQ ID NO: 8:
248          (i) SEQUENCE CHARACTERISTICS:
249                (A)  LENGTH: 6 base pairs
250                (B)  TYPE: nucleic acid
251                (C)  STRANDEDNESS: single
```

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I242202A.raw

```
252            (D) TOPOLOGY: unknown
259      (ii) MOLECULE TYPE: cDNA
265      (iii) HYPOTHETICAL: No
C--> 267      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:                    6
270 AAGAAC
273 (2) INFORMATION FOR SEQ ID NO: 9:
275          (i) SEQUENCE CHARACTERISTICS:
276            (A) LENGTH: 6 base pairs
277            (B) TYPE: nucleic acid
278            (C) STRANDEDNESS: single
279            (D) TOPOLOGY: unknown
281      (ii) MOLECULE TYPE: cDNA
283      (iii) HYPOTHETICAL: No
285      (iv) ANTI-SENSE: No
C--> 287      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:                    6
290 AATACA
293 (2) INFORMATION FOR SEQ ID NO: 10:
295          (i) SEQUENCE CHARACTERISTICS:
296            (A) LENGTH: 227 base pairs
297            (B) TYPE: nucleic acid
298            (C) STRANDEDNESS: single
299            (D) TOPOLOGY: unknown
301      (ii) MOLECULE TYPE: cDNA
303      (iii) HYPOTHETICAL: No
305      (iv) ANTI-SENSE: No
C--> 307      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:                   40
310 GCCTTAAGGG CCATATGGTG AGTGGATCCC TTGACCCCAG                          80
311 GCGGGGATGG GGAGACCTGT AGTCAGAGCC CCCGGGCAGC                          120
312 ACAGGCCAAT GCCCGTCCTT CCCCTGCAGG ATGAGTAGTG                          160
313 AGTGCCTCTC CTGGCCCTGG AAGTTGCCAC TCCAGTGCCC                          200
314 ACCAGCCTTG TCCTAATAAA ATTAAGTTGC ATCATTTTGT                          227
315 CTGACTAGGT GTCCTCTATA ATATTAT
318 (2) INFORMATION FOR SEQ ID NO: 11:
325          (i) SEQUENCE CHARACTERISTICS:
326            (A) LENGTH: 227 base pairs
327            (B) TYPE: nucleic acid
334            (C) STRANDEDNESS: single
335            (D) TOPOLOGY: unknown
337      (ii) MOLECULE TYPE: cDNA
339      (iii) HYPOTHETICAL: No
341      (iv) ANTI-SENSE: No
C--> 343      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:                   40
346 ATAATATTAT AGAGGACACC TAGTCAGAAC AAATGATGCA                          80
347 ACTTAATTTT ATTAGGACAA GGCTGGTGGG CACTGGAGTG                          120
348 GCAACTTCCA GGGCCAGGAG AGGCACTCAC TACTCATCCT                          160
349 GCAGGGGAAG GACGGGCATT GGCCTGTGCT GCCCGGGGGC                          200
350 TCTGACTACA GGTCTCCCCC ATCCCCGCCT GGGGTCAAGG                          227
351 CATCCACTCA CCATATGGCC CTTAAGG
354 (2) INFORMATION FOR SEQ ID NO: 12:
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Input Set : **A:\Pto.amc**
Output Set: **N:\CRF3\08162001\I242202A.raw**

```
356        (i) SEQUENCE CHARACTERISTICS:
357              (A) LENGTH: 252 base pairs
358              (B) TYPE: nucleic acid
359              (C) STRANDEDNESS: single
360              (D) TOPOLOGY: unknown
362        (ii) MOLECULE TYPE: cDNA
364       (iii) HYPOTHETICAL: No
366        (iv) ANTI-SENSE: No
C--> 368       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:               40
371 CCTCGGTACC TGCCATGGCG CGGATTCTTT ATCACTGATA               80
372 AGTTGGTGGA CATATTATGT TTATCAGTGA TAAAGTGTCA              120
373 AGCATGACAA AGTTGCAGCC GAATACAGTG ATCCGTGCCG              160
374 GCCCTGGACT GTTGAACGAG GTCGGCGTAG ACGGTCTGAC              200
375 GACACGCAAA CTGGCGGAAC GGTTGGGGGT GCAGCAGCCG              240
376 GCGCTTTACT GGCACTTCAG GAACAAGCGG GCGCCTTAAG              252
377 GGCCATATGC CG

380 (2) INFORMATION FOR SEQ ID NO: 13:
382        (i) SEQUENCE CHARACTERISTICS:
383              (A) LENGTH: 35 base pairs
384              (B) TYPE: nucleic acid
393              (C) STRANDEDNESS: single
394              (D) TOPOLOGY: unknown
401        (ii) MOLECULE TYPE: cDNA
403       (iii) HYPOTHETICAL: No
405        (iv) ANTI-SENSE: No
C--> 407       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:               35
410 CCTCGGTACC TGCCACCATG GCGCGGATTC TTTAT

413 (2) INFORMATION FOR SEQ ID NO: 14:
415        (i) SEQUENCE CHARACTERISTICS:
416              (A) LENGTH: 38 base pairs
417              (B) TYPE: nucleic acid
418              (C) STRANDEDNESS: single
419              (D) TOPOLOGY: unknown
421        (ii) MOLECULE TYPE: cDNA
423       (iii) HYPOTHETICAL: No
425        (iv) ANTI-SENSE: No
C--> 427       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:               38
430 CGGCATATGG CCTTAAGGCG CCCGCTTGTT CCTGAAGT

433 (2) INFORMATION FOR SEQ ID NO: 15:
435        (i) SEQUENCE CHARACTERISTICS:
436              (A) LENGTH: 228 base pairs
437              (B) TYPE: nucleic acid
438              (C) STRANDEDNESS: single
439              (D) TOPOLOGY: unknown
441        (ii) MOLECULE TYPE: cDNA
443       (iii) HYPOTHETICAL: No
445        (iv) ANTI-SENSE: No
C--> 447       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:               40
449 GCCTTAAGGG CCATATGGTG AGTGGATGCC TTGACCCCAG
```

VERIFICATION SUMMARY   DATE: 08/16/2001
PATENT APPLICATION: **US/09/242,202A**   TIME: 13:46:24

Input Set : **A:\Pto.amc**
Output Set: **N:\CRF3\08162001\I242202A.raw**

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:73 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:104 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:145 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:170 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:201 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:221 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:240 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:267 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:287 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:307 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:343 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:368 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:407 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:427 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:447 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:482 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:548 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:590 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:664 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:691 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:757 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:786 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:870 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:864 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:890 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:884 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:920 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:982 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1017 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1086 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1164 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/242,202A

DATE: 08/16/2001
TIME: 12:37:51

Input Set : A:\20264236.app
Output Set: N:\CRF3\08162001\I242202A.raw

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

```
10  (1) GENERAL INFORMATION:
12        (i) APPLICANT: Nelson, Edward L.
13                       Nelson, Peter J.
15       (ii) TITLE OF INVENTION: NOVEL VECTOR FOR
16                                POLYNUCLEOTIDE VACCINES
18      (iii) NUMBER OF SEQUENCES: 29
20       (iv) CORRESPONDENCE ADDRESS:
21              (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
22              (B) STREET: 345 PARK AVENUE
23              (C) CITY: NEW YORK
24              (D) STATE: NEW YORK
25              (E) COUNTRY: USA
26              (F) ZIP: 10154
28        (v) COMPUTER READABLE FORM:
29              (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
30              (B) COMPUTER: IBM PC COMPATIBLE
31              (C) OPERATING SYSTEM: PC-DOS/MS-DOS
32              (D) SOFTWARE: MS WORD 97
35       (vi) CURRENT APPLICATION DATA:
C--> 36         (A) APPLICATION NUMBER: US/09/242,202A
C--> 37         (B) FILING DATE: 20-Apr-2000
39      (vii) PRIOR APPLICATION DATA:
40              (A) APPLICATION NUMBER: US60/023931
41              (B) FILING DATE: 14-AUG-1996
43     (viii) ATTORNEY/AGENT INFORMATION:
44              (A) NAME: KATHRYN M. BROWN
45              (B) REGISTRATION NUMBER: 34556
46              (C) REFERENCE/DOCKET NUMBER: 2026-4236US1
48       (ix) TELECOMMUNICATION INFORMATION:
49              (A) TELEPHONE: (212) 758-4800
50              (B) TELEFAX: (212) 751-6849
51              (C) TELEX: 421792
```

ERRORED SEQUENCES

```
688  (2) INFORMATION FOR SEQ ID NO: 20:
690         (i) SEQUENCE CHARACTERISTICS:
691              (A) LENGTH: 287 amino acids
692              (B) TYPE: amino acid
693              (D) TOPOLOGY: unknown
695        (ii) MOLECULE TYPE: protein
C--> 697    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
700 Pro Ala Pro Gly Ala Gly Gly Met Val His His Arg
701  1               5                   10
702 His Arg Ser Ser Ser Thr Arg Ser Gly Gly Gly Asp
```

```
703                  15                    20
704 Leu Thr Leu Gly Leu Glu Pro Ser Glu Glu Glu Ala
705  25                      30                    35
706 Pro Arg Ser Pro Leu Ala Pro Ser Glu Gly Ala Gly
707                  40                    45
708 Ser Asp Val Phe Asp Gly Asp Leu Gly Met Gly Ala
709  50                      55                    60
710 Ala Lys Gly Leu Ser Leu Pro Thr His Asp Pro Ser
711                      65                    70
712 Pro Leu Gln Arg Tyr Ser Glu Asp Pro Thr Val Pro
713      75                      80
714 Leu Pro Ser Glu Thr Asp Gly Tyr Val Ala Pro Leu
715  85                      90                    95
717 Thr Cys Ser Pro Gln Pro Glu Tyr Val Asn Gln Pro
718                  100                   105
719 Asp Val Arg Pro Pro Pro Ser Pro Arg Glu Gly Pro
720      110                     115                   120
727 Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu
728                      125                   130
729 Arg Pro Lys Thr Leu Ser Pro Gly Lys Asn Gly Val
730          135                     140
737 Val Lys Asp Val Phe Ala Phe Gly Gly Ala Val Glu
738 145                     150                   155
739 Asn Pro Glu Tyr Leu Thr Pro Gln Gly Thr Cys Ser
740              160                     165
741 Pro Gln Pro Glu Tyr Val Asn Gln Pro Asp Val Arg
742      170                     175                   180
743 Pro Gln Pro Pro Ser Pro Arg Glu Gly Pro Leu Pro
744              185                     190
745 Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu Arg Pro
746          195                     200
747 Lys Leu Ser Pro Gly Lys Asn Gly Val Val Lys Asp
748 205                     210                   215
749 Val Phe Ala Phe Gly Gly Ala Val Glu Asn Pro Glu
750              220                     225
751 Tyr Leu Thr Pro Gln Gly Gly Ala Ala Pro Gln Pro
752      230                     235                   240
753 His Pro Pro Pro Ala Phe Ser Pro Ala Phe Asp Asn
754                  245                     250
755 Leu Tyr Tyr Trp Asp Asp Pro Pro Glu Arg Gly Ala
756          255                     260
757 Pro Pro Ser Thr Phe Lys Gly Thr Pro Thr Ala Glu
E--> 758 260               270                   275
759 Asn Pro Glu Tyr Leu Gly Leu Asp Val Pro Val
760                  280                     285
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/242,202A**

DATE: 08/16/2001
TIME: 12:37:52

Input Set : **A:\20264236.app**
Output Set: **N:\CRF3\08162001\I242202A.raw**

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L:36 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:79 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:110 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:151 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:176 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:207 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:227 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:246 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:273 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:293 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:313 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:349 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:374 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:413 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:433 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:453 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:488 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:554 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:596 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:670 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:697 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:758 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
L:772 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:801 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:885 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:879 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:905 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:899 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:935 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:997 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1032 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1101 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1179 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
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